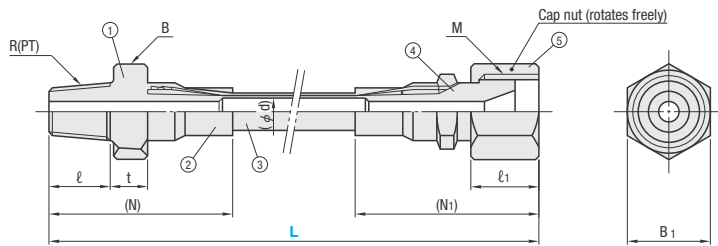


# MOLD-COOLING FLEXIBLE HOSES



## FSHP



### Special Plugs

FSHG	FSHGR
FSHL	FSHLR
FSHL	FSHLS

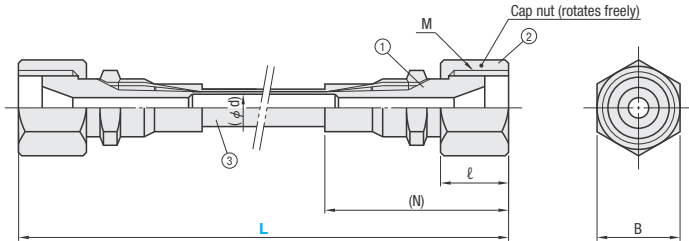
- M ① Nipple C3604  
 ② Collar C3604  
 ③ Wire braid SUS304  
 ④ Sleeve C3604  
 ⑤ Cap nut C3604

Thread JIS B0203 tapered thread for tube R (PT)

R(PT)	N	l	t	B (side to side)	Internal dia. of hose φ d	M×Pitch	N <sub>1</sub>	l <sub>1</sub>	B <sub>1</sub>	Part Number		L		
										Type	No.	50mm increments	100mm increments	Selection
1/8	34.5	10	6	14	4.70	M12×1.25	41.0	16	16	FSHP (Male and female plugs)	1	200~700	800~1000	1200 1500
1/4	42.0	12	7	17	7.92	M16×1.5	48.0	19	21		2			
3/8	46.5	13	8	19	10.31	M20×1.5	49.5		24		3			



## FSHF



### Special Plugs

FSHG	FSHGR
FSHL	FSHLR
FSHL	FSHLS

- M ① Sleeve C3604  
 ② Cap nut C3604  
 ③ Wire braid SUS304

Internal dia. of hose φ d	M×Pitch	N	l	B	Part Number		L		
					Type	No.	50mm increments	100mm increments	Selection
4.70	M12×1.25	41	16	16	FSHF (Both ends: Female)	1	200~500	600~1000	—
7.92	M16×1.5	48	18.5	21		2			



Order

Part Number — L  
 FSHF 1 — 900



Days to Ship

Quotation



Price

Quotation

### Features

This flexible hose is much more flexible than conventional metal flexible hoses.  
 The pipe consists of Teflon which is extrusion-molded and braided tightly, so it greatly improved impact pressure resistance.

### Heat resistance and cold resistance

Can be used continuously at temperature range of  $-54^{\circ}\text{C} \sim +200^{\circ}\text{C}$ .  
 However, this applies only to this product on its own.

### Non-absorptive

Teflon® does not absorb moisture, so fluid does not ooze out from the pipe side.

### Storage life

Teflon® is small and its life remains unchanged under all weather conditions.  
 ※ Teflon® is the product name for polytetrafluoroethylene resin made by the U.S. Dupont corporation.  
 This product uses Dupont's genuine Teflon.

### Specifications

Size	1/8	1/4	3/8
Working pressure (MPa) (kgf/cm <sup>2</sup> )	10.3 (105)	17.2 (175)	13.8 (140)
Destructive pressure (MPa) (kgf/cm <sup>2</sup> )	20.6 (210)	82.3 (840)	55.2 (562)
Min. bend radius (mm)	50.0	102	132
Usable temperature range (standalone use)	$-54^{\circ}\text{C} \sim +200^{\circ}\text{C}$		
External diameter of hose (mm)	(8.0)	(11.3)	(13.94)
Vacuum application	Unsuitable		

※ Values in ( ) are for reference only.

COMPONENTS FOR MOLD COOLING AND  
TEMPERATURE CONTROLLING SYSTEMS